

The Fortnightly REVIEW of

THE CHICAGO DENTAL SOCIETY

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Endodontics in Occlusal Reconstruction

By Samuel Seltzer, D.D.S., Philadelphia, Pennsylvania

(The author, who limits his practice to endodontics, was graduated from the School of Dentistry, University of Pennsylvania in 1937 where he is currently Assistant Professor of Clinical Oral Pathology. From 1940 to 1946 he was Chief of Dental Service at the 48th General Hospital where he achieved the rank of Lt. Colonel, D.C.)

Dr. Seltzer is the author of numerous articles on dentin medication, antibiotics and endodontics. He is a Fellow of the American Association for the Advancement of Science, member of International Association of Dental Research, American Association of Endodontists, American Society of Dentistry for Children, and Society of the Sigma Xi.)

Modern periodontal therapy in many instances dictates a change in the occlusal patterns of the teeth as well as splinting devices for

greater stability of the remaining natural teeth. This has stimulated a type of restorative dentistry which involves the use of cast veneer crowns on the natural teeth.

The fabrication of a cast veneer crown is a highly specialized procedure

which involves the removal of the enamel, a great deal of dentin and some of the cementum of the tooth. This is accomplished by the use of high speed rotary tools or those which cut with

abrasives propelled under pressure or with ultra-sonic vibrations. Pressures and temperature changes are inevitably present. The remaining tooth structure is then subjected to compression with hot modeling compound which is later chilled. Temporary crowns or bridges, which are usually ill-fitting, are then placed upon the prepared stumps with an intervening layer of temporary cement. The tooth may be subjected to further similar insults at a subsequent sitting or sittings, if the impression was not satisfactory or if undercuts were detected. The tooth is thus exposed to severe hazards from the moment it is first touched with an abrasive tool. As if this were not enough, further irritation may result later when the completed crown has been fabricated. Now the dentin may be subjected to the action of various caustic and irritating drugs plus the irritating action of oxyphosphate cements. It is indeed a wonder that any pulp can survive such a series of traumatic insults without



Dr. Seltzer

*Presented at the Midwinter Meeting of the Chicago Dental Society, February 10, 1954.

succumbing. In fact, a great many pulps do not survive this ordeal.

It is obvious, therefore, that endodontics must become a necessary adjunct to the process of occlusal reconstruction. Patients must be warned in advance that root canal therapy may become necessary before, during, or after occlusal reconstruction is completed.

During the treatment planning prior to occlusal reconstruction, questions may arise as to which teeth should have root canal therapy or which teeth should be extracted. How does one determine in advance the proper procedure to follow? The answer lies in determining the strategic value of the tooth with pulp or periapical involvement. If a fixed bridge is to be constructed, a strategic tooth would be one about which an affirmative answer can be obtained to two questions.

1. From the periodontal standpoint, can the tooth be used as an abutment?

2. Will the loss of this tooth necessitate the construction of a partial denture rather than a fixed bridge?

If the construction of a partial denture is contemplated, a strategic tooth would be one about which one can answer "yes" to the following questions.

1. From the periodontal standpoint, can the tooth be used as an abutment for a partial denture?

2. Will the loss of this tooth necessitate the construction of a full denture rather than a partial denture?

There are certain other teeth whose retention would be strategic to the occlusion. These are:

1. Any remaining posterior tooth which helps to support the vertical dimension.

It is especially important to maintain a posterior tooth where a change in the vertical dimension is contemplated, inasmuch as a denture with free-end saddle does not support extra pressures with any degree of satisfaction.

2. Cuspids. All cuspids are strategic to the occlusion because they support the corners of the mouth and resist the anterior component of force. Replacement of a cuspid is a difficult procedure. The

cuspid has a long root which acts as an anchor.

3. The Most Distal Molar in the Arch. The most distal molar is strategic because retention precludes the necessity for the construction of a partial denture with a free-end saddle. It is preferable to have both ends of an edentulous span supported by natural teeth.

4. All Remaining Teeth in Advanced Periodontal Disease. In these instances, every remaining tooth is strategic because of the loss of periodontal support. Further loss of teeth reduces the amount of attachment apparatus in the mouth. Thus, the remaining teeth may become over-burdened and hence more rapidly lost.

In spite of the strategic value of the tooth it may become necessary to extract it sometimes because of certain undesirable local and systemic factors. Briefly, the systemic contraindications for root canal therapy are the presence of chronic debilitating diseases such as tuberculosis, anemia, diabetes, etc. These conditions interfere with healing, therefore repair of damaged periapical regions can hardly be expected.

Another factor which may mitigate against treatment is the ability and skill of the operator. No one should attempt root canal therapy unless he has the dexterity and ability to successfully complete the therapy. The stakes are too high. Failure may result in the loss of time, effort and money for the patient and the dentist. It is much better to extract a doubtful tooth rather than to have doubt about the treatment.

Among the local factors which contraindicate treatment are:

1. Inaccessibility of the root canals.
2. Inability to reach to the apex of the tooth due to obstructions.
3. Inability to maintain asepsis.

ROOT CANAL THERAPY BEFORE RECONSTRUCTION HAS BEGUN

Following a careful appraisal of the x-rays and study models, the decision as

(Continued on page 24)

Midwinter Meeting Affairs Committee Report

The time for reporting the progress of the Midwinter Meeting plans is again at hand and I am happy to advise that things are rolling along in good shape and with confidence that the 92nd Midwinter Meeting will merit its place with the fine meetings of the past.

Dr. Hubert N. Alyea of Princeton University will be the speaker at our First General Session which will be held Monday evening, February 4th, at 8:00 p.m. in the Grand Ballroom. Dr. Alyea will have a message of real interest when he addresses the session on "The Use of Atomic Energy in Peacetime Activities." A speaker of international renown, he has delivered his address to many hundreds of thousands. At this time we will also be addressed by the President of the American Dental Association, Dr. Harry Lyons. General Chairman Robert Kreiner, who will preside at this session, reports that all programs are now complete and all other sections of the Midwinter Meeting will be ready for the opening of registration on Sunday, February 3rd, at 10:00 a.m. The Commercial Exhibits will open at 1:00 p.m. on Sunday and Kelly Frakes reports that the exhibitors (most of the old ones and some new ones) will be ready to show their wares and bring you up-to-date on what's new. I might also report that Karl Richardson announces that allocation of exhibit space is now completed and the Exhibit Hall is again a sellout.

Lyle McNamara, Midwinter Meeting Program Chairman, says that final touches are now being made and that an excellent and diversified program will be presented. The Chairman of the Essay Division, Felix Tittle, promises many new faces and subjects. Steve Lynch reports that the Limited Attendance Committee will present 132 sessions of clinics with many old faces again appearing. The Table Clinics will be presented in the Williford Rooms on Monday, Tuesday,

and Wednesday afternoons, as they were last year, and will feature a return of student clinics after an absence of several years. Chairman Bob Kiechler says that three students from each of three dental schools will make their presentations, as will several members of the Dental Assistants Association and the Dental Hygienists Association. A Denture Repair Clinic by representatives of the three dental schools will also be held. Projected Clinics will be increased in number and variety and Chairman Thad Weclaw reports all in readiness. O. E. Scott has worked hard with his committee to present many new scientific and health exhibits which should be most interesting. The Motion Picture Committee and Chairman Cliff Lossman have gathered a program of many new and diversified films.

The Ladies' Entertainment Committee has planned a style show and luncheon to be held on Tuesday noon and Mrs. Joe Zielinski, the chairman, wishes to remind you that the luncheon will be held this year in the Grand Ballroom which will make possible the accommodation of a much larger group. Make your reservations early. Mailed orders accompanied by \$4.00 for each person will be assigned tables in the order of their receipt. The Entertainment Committee is preparing a gala Dinner-Dance program and from what Chairman Don Wise reports, this will be an evening long to be remembered. Here, too, reservations will be assigned in the order received. Make them right now for Wednesday evening, February 6th.

The mention of reservations reminds me to remind you that if you expect to have a room during the Midwinter Meeting you had better get cutting.

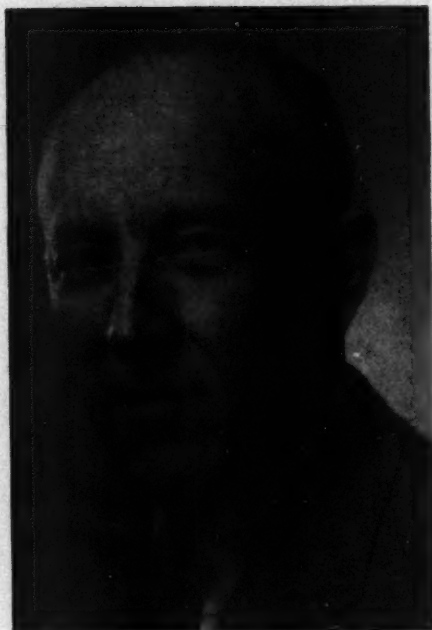
All remaining committees are in readiness to greet you and serve you.

*Walter E. Dundon,
Midwinter Affairs Chairman.*

Remember the dates—February 3rd through the 6th, 1957.

Dr. Harry Lyons

President, American Dental Association



Dr. Lyons

As is the happy custom of the Chicago Dental Society, the President of the American Dental Association has been invited to take part in the Monday evening General Session at the Midwinter Meeting and in 1957 this brings to our speaker's table Dr. Harry Lyons, of Richmond, Va., widely-known dental educator, who was installed as president of the A.D.A. at the close of its 97th annual meeting on October 4, 1956, in Atlantic City.

Dr. Lyons became dean of the School of Dentistry, Medical College of Virginia, in 1951, after serving as a member of the faculty since 1923. He is also professor and head of the department of oral pathology, diagnosis and therapeutics, and of periodontics.

In addition to his activities in the field of education, he has been prominent in affairs of the Association. He served as speaker of the House of Delegates from 1952 to 1955, was chairman of both the Special Committee on National Emergency Dental Service and the Nomenclature Committee. For 17 years, he was a member of the Council on Dental Therapeutics, as well as consultant to the Council on Federal Dental Services.

Dr. Lyons has been a leader in national efforts to obtain substantially increased support for dental research. He is a member of the National Advisory Dental Research Council of the National Institute of Dental Research and formerly served a two-year term on the Committee on Dentistry for the National Research Council. He is a member of the International Association for Dental Research.

Dr. Lyons has also been president of the Virginia State Dental Association, president of the American Academy of Periodontology, chairman of the committee on professional relations of the American Association of Dental Schools and chairman of the committee on education of the American College of Dentists.

He is a consultant to the Veterans Administration and the Food and Drug Administration.

92nd MIDWINTER MEETING

The Chicago Dental Society

Conrad Hilton Hotel

February 3, 4, 5, and 6, 1957

"OFF THE COB"

with Country Larsen

I think it might be interesting to many of you to know more about the Chicago Dental Society's Dental Advisory Committee to the Department of Welfare of the City of Chicago, and how this committee operates. To fully understand its functions, let's talk a little about the City of Chicago Department of Welfare, known as "a general assistance agency."

This agency undertakes the support of indigents who are in need for general reasons and are thus eligible for all its services. In general, the agency provides rent, food, light, and basic living needs for those in its care, advice on home economics, diet instructions, medical and dental care, clinic attention if needed, hospitalization and nursing home care where necessary. Medical care is designed to arrest whatever difficulty exists, to rehabilitate or cure the ill, and to get the patient back on a self-supporting basis in a reasonable time. We are concerned here with dental care, of course, and in this case the agency seeks to determine what dental care is needed and to give the patient as good professional attention as he would have were he on his own. In the medical and dental programs the agency has the full cooperation of both the Chicago Medical Society and the Chicago Dental Society in a mutually helpful atmosphere, working on a common problem. The physicians and dentists make a special effort to work equably with the agency both on the individual level and on the administrative level of the Dental Advisory Committee. When problems related to drugs arise, the Retail Drug Association works with the agency through an advisory committee, as do the nurses, hospitals and allied facilities.

Let's see how this dental program works. A relief client with a dental problem reports to the relief office and if his difficulty is genuine, he is sent to the Dental Examining Unit where he is examined by Dr. Vincent P. Vivorito or one

of his assisting dentists. The Unit is at 5029 Vincennes Avenue, and does just the examination, no operating. The work that the patient needs is determined and the patient selects his own dentist from the panel of ethical practitioners that have indicated their willingness to accept patients from the agency. The dentist is sent an authorization to do the work for the patient, and an appointment to begin the work is set up. At the outset, if the dentist who is to do the work disagrees with the treatment indicated by the examining unit, he may question it and return the patient until the discrepancy is cleared up. After that, however, he must do the work authorized and none other. After the case is completed, the dentist renders his report of the accomplished work and is paid in accordance with the governing fee schedule. A certain percentage of the patients are spot checked by the examining unit upon presentation of the bills, but the program is exceptionally free from any intentional fraud.

The Dental Advisory Committee's basic functions are to screen the applications of dentists who want to become members of the panel to handle relief patients, to review any complaints from dentists, patients or relief agency personnel, and to study special case situations that do not readily come within the standard course of procedure. The smooth and effective operation of the dental care program in Chicago is regarded nationwide as a model of efficiency, and the guiding help of the Dental Advisory Committee is a major factor in bringing about such recognition. The average dental bill of the agency is about \$9,000 a month. It can be readily recognized that in a program of such magnitude many details will arise that a committee can solve if it will devote the time and energy. The Chicago Dental Society committee does that. The Commit-

tee meets with three representatives of the Department of Welfare, Miss Irene Steinhardt, Mrs. Thelma Trice, and Dr. Vincent Vivorito, a Society member who is in charge of the Examining Unit and supervises the staff of dentists who work part-time there. Dr. Vivorito is the focal point for all of the discussion over proper treatment, as it is his responsibility to select the services each individual is authorized to perform, and his position is not always a happy one when telling another dentist what he shall or shall not do in any given case. Fortunately, for the success of the program, Dr. Vivorito is a diplomat as well as an excellent diagnostician. It is interesting to note that there are 900 members of the Chicago Dental Society on the panel of dentists. Another interesting fact is that the Dental Advisory Committee is one of the few committees within the Society acting as a liaison between the local government and the Dental Society.

Now let's look in on a committee meeting and see just what takes place. At a recent meeting it proceeded about like this. The minutes of the previous meeting were reviewed—the minutes are taken in shorthand verbatim, and copies are given to all members of the committee. Then the case of a child with a Class Two malocclusion was brought up for consideration and the various aspects of the case were discussed until a solution was reached. The group then gave its attention to the case of a child who had recently moved into this area with work partially completed by a dentist in the place of her former residence. Correspondence regarding the work was reviewed and future treatments recommended. The Committee then reviewed the applications of several dentists for places on the panel. Where they were members of the Society their acceptance was routine; if not, a visit to the applicant's office by a member of the Ethics Committee of the Society was necessary to determine the ethical status of the man's practice. In all instances but one, the reports were of a satisfactory nature and the dentists were accepted by the Com-

mittee. In this one case it had been almost impossible to find the dentist in his office and the committee decided to withhold approval until a determination of his schedule permitted a better knowledge of his practice. Following this, the Committee reviewed a list of dentists who for some reason were to be removed from the panel. Four had passed away, one had left the city, one had moved and left no address, one had voluntarily resigned, one desired to drop out due to ill health, and one had retired and left the city. One person on the list wished to resign as he felt the fees were too low. This brought the Committee's attention to three other similar complaints, but consideration of the subject was postponed until further along in the meeting when a complete report on fees was due. The Committee then turned its attention to a number of cases that for one reason or another were problems. In one it was decided to authorize an additional fee for strengthening a lingual bar. In another it was said the patient had been correctly diagnosed at the examining unit and was to return to the dentist for completion of the authorized work. In the case of a child needing extensive orthodontic treatment, arrangements were made to send her to a specialist. Eleven special situations in all were resolved, and the patients were scheduled for dental care on as careful and considerate basis as they would have been in any office or top-flight clinic. A discussion of some accounting problems that had arisen in the rendering of bills by dentists followed and were resolved to the satisfaction of all parties concerned.

The routine business out of the way, Dr. Howard Shepard, Chairman of the Committee, reported on the correspondence received during the summer on the subject of fees paid for this type of dental service in other metropolitan centers throughout the country. He said a new fee schedule had been worked out by the Illinois State Dental Society's Public Welfare Committee in conjunction with the Chicago Dental Society,

(Continued on page 32)



In the foreground above are pictured Dr. Frederick Moore, Vice-President Nixon, and Governor Stratton as Mr. Nixon placed a wreath at the foot of the World War Memorial to Negro Soldiers who died in combat. Dr. Moore headed the committee which arranged this memorial service and personally presented the wreath to Mr. Nixon. The event took place at 35th and South Parkway on October 25, 1956.

ENGLEWOOD BRANCH MEETING

January 8, 1957

Nielsen's Restaurant

"YOUR CORONARY ARTERY"

discussed by Dr. Chauncey C. Maher and Dr. Hugh A. Flack

MAKE YOUR RESERVATIONS RIGHT NOW

The Ladies Entertainment Committee cordially invites the Ladies attending the Midwinter meeting to the

GALA LADIES' LUNCHEON AND FASHION SHOW

to be held in

the Grand Ballroom of the Conrad Hilton Hotel

On Tuesday noon during the Midwinter Meeting

MARSHALL FIELD & CO. will again present the Fashion show and will show fashions for every age and pocketbook. Share with your friends the pleasure of this show and a delightful Luncheon.—**Tickets—\$4.00**

The Ladies Entertainment Committee

Mrs. Joseph Zielinski, Chairman

Mrs. Willis Bray Mrs. Howard Harvey Mrs. Harry Hartley Mrs. Elmer Ebert

• • •

WEDNESDAY, FEBRUARY 6th, 1957

MIDWINTER MEETING DINNER-DANCE

IN THE

GRAND BALLROOM of the CONRAD HILTON HOTEL

Wonderful Floor Show

Dancing to a name band

Tickets \$8.00

For reservations, call Randolph 6-4076

Call now or write the Chicago Dental Society Entertainment Committee

Don Wise, Chairman

—DO IT RIGHT NOW—

NEWS OF THE BRANCHES

Kenwood-Hyde Park

Kenwood goes to Eli Lilly on January 13, 14, 15th. Henry Leib wishes to remind you of this fabulous trip planned for Kenwood members. Make your reservations early as there are only 75 available. Mrs. Wayne Fisher is much in favor of the trip to Indianapolis. . . . After six years of very creditable work as a secretary of the Tweed Foundation, Ben Herzberg was elected to the office of President-Elect. Congratulations, Ben. . . . Linn Cooley spent Thanksgiving visiting in Denver, Colorado, and later took a trip to Buffalo, New York with the Shriners. . . . Graham Davies gave a clinic at Decatur recently. . . . Stan Korf went to Mexico City and gave a series of lectures to the Mexico Society of Dentistry for Children. Stan enjoyed Mexico City very much and hopes to make a return trip very soon. . . . Just to prove that Notre Dame can still win football games, Larry Johnson, Jack Moran, Willard Johnson and I went to South Bend and boosted them to victory over North Carolina. . . . A week later Willard Johnson saw his favorite team, Illinois, go down to defeat at the hands of Northwestern at Dyche Stadium and he didn't get a bit of sympathy from Larry Johnson, Greg Strobel and Jack Moran, or McNulty, who kept the stadium warm with his cigars. . . . Jesse Carlton's son, Tom, was smoked out of his trailer recently—he had a little stove trouble. . . . Walt Dundon and Graham Davies drove down to the dental meeting in St. Louis to check over their program. . . . Bob Wells spent a little time down Cairo way doing some goose hunting. . . . Asher Sherow has been appointed instructor in undergraduate pedodontics at the University of Illinois. . . . Rudy Grieff came down with a generalized virus infection and was feeling mighty low. Rudy beat the bug and is feeling much better now. . . . On

January 8th, Drs. B. Klavan and L. Sreebny will be with us to discuss "The Treatment of Periodontal Pockets." This will be a most important and interesting phase of our series on Preventive Dentistry. Give Vic Wittert a call, Ba 1-6626, and make a dinner reservation as soon as you can. . . . Just received a note from C. E. Waterman, who wishes to let the boys of Kenwood know that he is pulling up stakes again and moving to Cincinnati, Ohio. Dr. Waterman retired in 1949, and has been living in Long Beach, Michigan City, ever since. He now wishes to be near his daughter, Margaret, who is teaching in the high school in Cincinnati. Dr. Waterman sends his best regards to all. His new address is 1271 Roosmore, Cincinnati, Ohio. . . . Roy Eberle and the officers of Kenwood-Hyde Park wish to extend their wishes to you for a VERY MERRY CHRISTMAS and a HAPPY and PROSPEROUS NEW YEAR.—*Howard J. Harvey, Branch Correspondent.*

Northwest Side

Well, here it is! Half of December gone and everyone awaiting the arrival of Santa Claus! There, honest and truly, is a Santa and each Christmas this generous fellow, older than Iver Oveson or Glenn Cartwright, chubbier than Thad Czeslawski or Joe Lebow and as jolly as Donald Mammen, hitches up his reindeer and gallops off to drop rewards at the homes of all the boys who have been particularly good throughout the year. One moment, Santa may be in Edgebrook, filling the stocking of Thad Weclaw, who directs the treasury and heads the Academy of General Dentistry. The next moment he may be sliding down the chimney of the Gould household. Smiling, uncomplaining, big-hearted Gerson was responsible for the success of the ladies' night party. An instant later, Santa might

be placing a gift at the home of Lee Schwartz. Lee threw the Golf Outing. He certainly will visit Ben Gillmeister, who not only served as Vice-president but has proved a very capable, industrious, and level-headed crusader against the advertising laboratories. Surely, this Christmas, Santa will remember those who were real—real good in 1956, such as President Frank Brzezinski, Secretary Alfred Altern, President-elect Folmer Nymark and Director Ben Davidson. . . . Folmer Nymark is back at his office after a two-weeks' stay in Florida. . . . Earl Kuznetsky is headed for Boston to attend the Alpha Omega Convention. . . . Bob Juel is basking pleasantly under a Florida sun for two weeks now. . . . Wayne Rossa, son of Joseph, received a music certificate at Alvernia High School. . . . Stanley Broniarczyk celebrated his 27th wedding anniversary and surprised his bride, Theresa, with a brand-new Oldsmobile. . . . Lee Schwartz and family are off to Florida and Cuba for a three-week Christmas vacation. . . . Tom Wright is recuperating after surgery at St. Anne's Hospital. He is now at home awaiting visitors. . . . Mark and Mrs. Spencer visited Center Point, Iowa during Thanksgiving holidays. . . . On the opening day of the Chicagoland Home Festival, Dr. Shaylor Bonebrake and his wife Erna, drove out to 1067 Oxford Avenue to inspect a modern home entry in the festival. Before the afternoon was over, the Bonebrakes were home owners and so this Christmas they are celebrating their holidays in their new home. . . . Not in the sense of custom only but with a genuine appreciation of our pleasant association we extend to you our best wishes for a Merry Christmas and a New Year of happiness and prosperity.—*John M. Gates, Branch Correspondent.*

West Side

Sam Kleiman, our program chairman, has informed me that we will have Dr. Gustav Rapp as our speaker at the meeting on January 8. Dr. Rapp is the acting

Dean of Loyola University Dental School and head of the Bio-Chemistry department. He will discuss drugs and remedies for the dentist, entitling his talk, "Materia Dentica." John Reilly, our dinner chairman, would like to see more men out for dinner. This is a wonderful opportunity to relax and get away from the old grind. Come early and enjoy cocktails with your colleagues. Let's see some new faces on January 8, I am sure you will gain much by attending our meetings. . . . Ed Rus has moved his office from the West Side out to Cicero. He and his son are officing together at Austin and Cermak. Ed will still attend our meetings, I hope, we would miss him if he didn't. . . . I want to remind all of you men who have moved your offices, that you must notify the Department of Registration and Education of your change of address. This must be done immediately or they will take away your license and it will cost you a stiff fee to have it renewed. . . . George Blaha's father passed away on November 14, he was 83 years of age. The West Side Branch extends its sympathy to George and his family. . . . Art Tessler is going on a two-week Caribbean cruise with a group of physicians and dentists. They will have a seminar on hypnosis aboard ship and will leave from New York on January 4. . . . I hope to see you all at our meeting on January 8, at the Midwest Hotel. In the meantime, Merry Christmas and a Happy New Year.—*William L. Bingaman, Branch Correspondent.*

North Side

It is becoming the rule rather than the exception that the North Siders are the firstest with the bestest. The North Side Branch wishes to announce its first Annual Awards Luncheon which will take place on Tuesday, February 5, 1957 during the Midwinter Meeting. The Committee for this meritorious award, consisting of Paul Brown, Bill Osmanski, Herb Gustavson, Jules Barrash and Isadore

Shapiro, considered five possible recipients. It is my honor as guest columnist to announce that the North Side member who will receive the first award for his outstanding contributions to organized dentistry is Earl Elman. Those men wishing to attend the luncheon may contact Paul Brown, Sh 3-1643, for reservations. Recognition will also be given to the outgoing officers of the North Side Branch. . . . Congrats to Murray Hoffman on the publication of another article in the November *ADA Journal*. . . . Our contact with the CDS revealed that next year, as every year, the North Side Branch will be well represented at the Midwinter Meeting. Among those already scheduled are Russell Boothe, Balint Orban, Leon Sreebny, Maurice Falstein, Harold Gerstein, Sheldon Rosenstein, Alfred Kamin, Paul Chung, Howard Adilman, Harold Rabin, Irving Selter, Irving Stone, Julius Caplan, Kenneth Bishop, J. P. Lavieri, Murray Hoffman, Arthur Duxler, Stanley Goldberg and Arno Leshin. . . . The Uptown Dental Forum has announced its programming for the next few weeks will include: December 21, Annual Christmas Party at the Patrician Restaurant on Peterson; games, prizes and good fellowship will be the order of the day. On December 28 a lecture will be presented by Dr. John Spence, of the University of Illinois. His subject, "Latest on Direct and Indirect Inlay Techniques." On January 11, Dr. Leonard Fosdick will discuss "Biochemistry and Dental Disease." On January 18, Dr. Robert Kesel will present "A Critical Review of the Current Caries Status." Plans are also in progress for a party celebrating the 10th anniversary of the Uptown Dental Forum. . . . The Board of Directors of the CDS met on November 20, and two important actions were initiated. One, a Committee was appointed to conduct a survey of the commercial houses directly or indirectly associated with dentistry—the purpose? to survey the opinions of these various firms and their desire to participate in Branch functions, specifically, the Clinic Days. The Committee is to report its findings to the Board. The other order of business

was to appoint a Committee to be known as the Policy Appraisal Committee. Its purpose is to establish a blueprint of programming for the future activities of the CDS. Earl Elman, Director, states, "We must have a good public relations program and decide now what direction our activities should take for future years." Any ideas will be welcomed. . . . The Ralph Cooley Study Club met on December 12 to hear Dr. Hoffman from Milwaukee speak on "Time and Motion." . . . Art Duxler wishes to invite all North Side Branch members to open house in his new Glencoe home on January 15. . . . Our traveling diplomat, Irv Selter, participated in a seminar on hypnosis in Columbus, Ohio on December 2 through the auspices of the Ohio Academy of General Practitioners. . . . The "Cruise Conference on Hypnosis," open to all CDS members, leaves from New York on January 4 for fourteen days. Contact Dr. S. Hershman, Ke 3-8100, for information. . . . Rube Kadens left December 2 for two weeks in Mexico. . . . Abe Hoffman reports Dr. Carmichael is away hunting geese! . . . The Illinois Academy of Occlusodontia had a seminar on nutrition at Oakton Manor. Among those in attendance were LeRoy Levey, Chester Stanley, Julius Caplan and Irwin Neer. . . . Herb Gustavson and Bill Os-manski journeyed to Detroit to spur on the Bears in their game with the Lions on December 2. . . . The North Siders present on the Eli Lilly trip sponsored by the Alpha Omegas included Maurice Altus, Fred Kamin, Maury Fein, Jack Milstead, Sam Ruttenberg, Sandy Schaffner, Bernie Field, our new transfer member Stan Sherman, our Awards Luncheon Chairman Paul Brown, and our President Harold Sitron. A wonderful time was had by all. I understand the AOs surprised the two Eli Lilly men who arranged the trip with beautiful pieces of luggage. . . . That's all for now. With thanks to all the men who helped supply the news for this column I return the quill to our able "T" Shapiro.—Howard B. Adilman, Guest Branch Correspondent.

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Urgent-Do it Now! Contact Men Needed!

Below is a list of the State Senators and Representatives to the Illinois State Legislature for the next two years. In order that we may do an effective legislative relations job we must have a contact for each member of the legislature and the best possible contact is a close friend, a resident of the man's district, or the personal dentist of the Legislator. Pick out the man or men that you know and whom you might contact in case of need for legislative help and forward their names, district, along with your name to Mr. Edgar Stephens, 30 N. Michigan Ave.

Do you remember Bill 1118 (Public Denturist Bill) which was defeated in the last Legislature only through Herculean effort?

Legislative Relations Committee

of the

Chicago Dental Society

S. Richard Kleiman, *Chairman*

Vincent B. Milas, *Vice-Chairman*

Joseph T. Brophy

Frederick D. Moore

Harry W. Chronquist

Louis J. Pavlicek

Frank J. Hurlstone

Howard V. Phillips

Herman R. Wenger

DON'T LET US GET CAUGHT SHORT!

PICK YOUR CONTACT RIGHT NOW!

STATE SENATORS

District Name

- | | |
|----|----------------------|
| 1 | Arthur J. Bidwill |
| 2 | Arthur W. Sprague |
| 3 | Jackson L. Boughner |
| 4 | W. Russell Arrington |
| 5 | Marshall Korshak |
| 6 | Frank M. Ozinga |
| 7 | Roland V. Libonati |
| 8 | Hayes Robertson |
| 9 | William J. Lynch |
| 10 | Albert E. Bennett |
| 11 | Fred J. Smith |
| 12 | Edmund G. Sweeney |
| 13 | Daniel Dougherty |

District Name

- | | |
|----|------------------------|
| 14 | Donald J. O'Brien |
| 15 | A. L. Cronin |
| 17 | John J. Donovan |
| 19 | Herbert M. Johnson |
| 21 | William G. Clark |
| 23 | Frank J. Kocarek |
| 25 | William J. Connors |
| 27 | Robert E. Cherry |
| 29 | Robert J. Graham |
| 31 | John J. Gorman |
| 33 | Daniel D. Rostenkowski |
| 41 | Lottie Holman O'Neill |
| 52 | Robert McClory |

STATE REPRESENTATIVES

<i>District</i>	<i>Name</i>	<i>District</i>	<i>Name</i>
1	Jack E. Walker (R) Maurino R. Richton (R) Henry X. Dietch (D)	17	Peter C. Granata (R) Sam Romano (D) Andrew A. Euzzino (D)
2	Terrel E. Clarke (R) Harold A. Hoever (R) Frank X. Downey (D)	18	Louis F. Capuzi (R) John P. Touhy (D) Nicholas E. Caruso (D)
3	George E. Dolezal (R) Frank A. Marek (R) Paul G. Ceaser (D)	19	Louis Janczak (R) Richard A. Napolitano (D) Edward J. Shaw (D)
4	Walter J. Reum (R) Claude A. Walker (R) Raymond J. Welsh, Jr. (D)	20	William H. Robinson (R) Corneal A. Davis (D) Richard A. Harewood (D)
5	Elmer W. Conti (R) Harry J. Smith (R) Joseph J. Lelivelt (D)	21	J. Horace Gardner (R) James Y. Carter (D) Kenneth E. Wilson (D)
6	John W. Carroll (R) Arthur E. Simmons (R) Thomas J. Halpin (D)	22	Elwood Graham (R) Charles F. Armstrong (D) Cecil A. Partee (D)
7	Frances L. Dawson (R) Marion E. Burks (R) Jeanne C. Hurley (D)	23	Noble W. Lee (R) Abner J. Mikva (D) Nathan J. Kinnally (D)
8	Michael F. Zlatnik (R) Esther Saperstein (D) Paul F. Elward (D)	24	Edward J. Derwinski (R) Henry M. Lenard (D) Nick Svalina (D)
9	William E. Pollack (R) Kenneth E. Moberley (R) Joseph F. Fanta (D)	25	Edward Schneider (R) John G. Ryan (D) Peter J. Whalen (D)
10	Albert W. Hachmeister (R) Kenneth R. Wendt (D) Carl W. Stolteben (D)	26	William J. Morgensen (R) George F. Stastny (R) John M. Daley (D)
11	Paul J. Randolph (R) Joseph L. De La Cour (D) George W. Dunne (D)	27	Walter McAvoy (R) Michael H. McDermott (D) Michael E. Hannigan (D)
12	Charles O. Miller (R) Charles H. Kordowski (D) Kenneth W. Course (D)	28	Michael A. Ruddy (R) Frank J. Smith (D) John G. Fary (D)
13	Elroy C. Sandquist (R) James P. Loukas (D) Nathan J. Kaplan (D)	29	Thomas J. Curran (R) Matt Ropa (D) George Noonan (D)
14	Oscar Hansen (R) Horace H. Brock (R) Harry H. Semrow (D)	30	Hector A. Brouillet (R) Lillian Piotrowski (D) Frank C. Wolf (D)
15	Peter J. Miller (R) Al Sakowicz (R) Chester R. Wiktorski, Jr. (D)	31	Robert Coulson (R) W. J. Murphy (R) Jack Bairstow (D)
16	Bernard McDevitt (R) William G. Clark (D) Bernard S. Neistein (D)	36	John N. Erlenborn (R) Lee E. Daniels (R) Fred W. Anderson (D)

Regular Meeting of the Chicago Dental Society

November 20, 1956

Conrad Hilton Hotel

The meeting was called to order at 8:15 p.m. by President Edward W. Luebke. A motion was made and seconded to dispense with reading of the minutes of the October meeting. The minutes of the October meeting as published in the November 15th issue of the **FORT-NIGHTLY REVIEW** were approved.

There were no reports of boards, standing committees or special committees.

President Luebke then introduced Dr. Robert F. Tuck, Chairman of the Monthly Meeting Program Committee, who in turn introduced Dr. LaMar W. Harris, a member of the Program Committee. Dr. Harris presented the essayist, Dr. John W. Geller of Indianapolis. Dr.

Geller made an excellent presentation on Prosthetic Dentistry. Dr. John B. LaDue was the formal discussant of Dr. Geller's paper. Approximately 350 members and guests were in attendance.

President Luebke announced that the next meeting would be on December 18th and the speaker would be Col. Robert B. Shira of the Walter Reed Hospital in Washington, D. C. Also at the December meeting the 50-year men will be presented with certificates and pins by the President of the Illinois State Dental Society. Be sure to attend this meeting.

Respectfully submitted,
Walter E. Dundon,
Secretary Pro Tem

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1:30 P.M., Conrad Hilton Hotel, Parlor 14

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"LOCAL ANESTHESIA AND PREMEDICATION FOR THE HANDICAPPED"

Dr. GLEN JACKSON, Northwestern University

"ANALYSIS OF DENTAL-FACIAL ABNORMALITIES OF THE CEREBRAL PALSY"

PANEL DISCUSSION

"BETTER SPEECH THROUGH DENTISTRY FOR THE HANDICAPPED"

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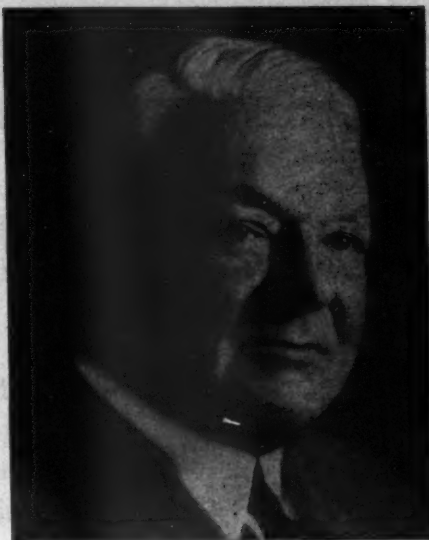
Twenty-Year Zoller Commemoration

The Zoller Memorial Dental Clinic has now attained its twentieth year. It was on September 1, 1936 that this institution was established at the University of Chicago but it was not until December 1st of that same year that the first patient was seen and research activities got underway.

The late Walter G. Zoller of Chicago was acutely aware of the needs of dentistry as indicated by his gift to the University of Chicago of nearly three million dollars. This has been the largest single gift of its kind dentistry in the mid-west has ever received from one private source. Mr. Zoller in his bequest indicated his interest in dental service and research. He stated in his will that the fundamental reason for the creation of the fund for dental service and research was because in his words, "it has become quite generally recognized that a vast portion of ills and ailments of people is traceable to infections and diseases of the teeth and gums."

Walter G. Zoller was born in 1867 in the central Pennsylvania town of Lebanon in the heart of the "Pennsylvania Dutch" country. He early learned those traits of his forebears concerned with hard work and thrift. After receiving his early education in Lebanon he took Horace Greeley's advice of the times and as a young man moved West. He began his career as a telegraph operator at Peoria, with the Chicago, Pekin, and Southwestern Railroad. Later he became private secretary to W. A. Gardner, Division Superintendent of the Wisconsin Central Railroad for two years. After this he engaged in the coal business, first with the Chicago, Wilmington & Vermillion Coal Company, then he helped establish the firm of Bell and Zoller, which was later incorporated as the Bell and Zoller Coal Company, of which he was the Secretary until his retirement in 1927. Mr. Zoller died in June of 1933 as a bachelor.

Dr. James Roy Blayne was appointed Director of the Zoller Clinic by the Uni-



Mr. Zoller

versity of Chicago in 1936. He established the several dental clinics and research laboratories (1) to provide treatment for needy worthy patients, (2) to conduct research in the field of dental and oral disease, and (3) to make available advanced education to those recent dental graduates who wished to equip themselves academically for dental teaching and research.

Over the period of the last two decades there have been a total of seventy-one individuals serving as dental interns, twenty-eight who have held Zoller Fellowships which have led to M.S. and Ph.D. degrees in the basic sciences.

There are five basic science research laboratories maintained and operated by Zoller in various parts of the University campus. These are in Anatomy, Biochemistry, Microbiology, Anthropology and Electron Microscopy. Each laboratory is housed in the University department of the same name and the chief of each laboratory is on the Zoller staff as

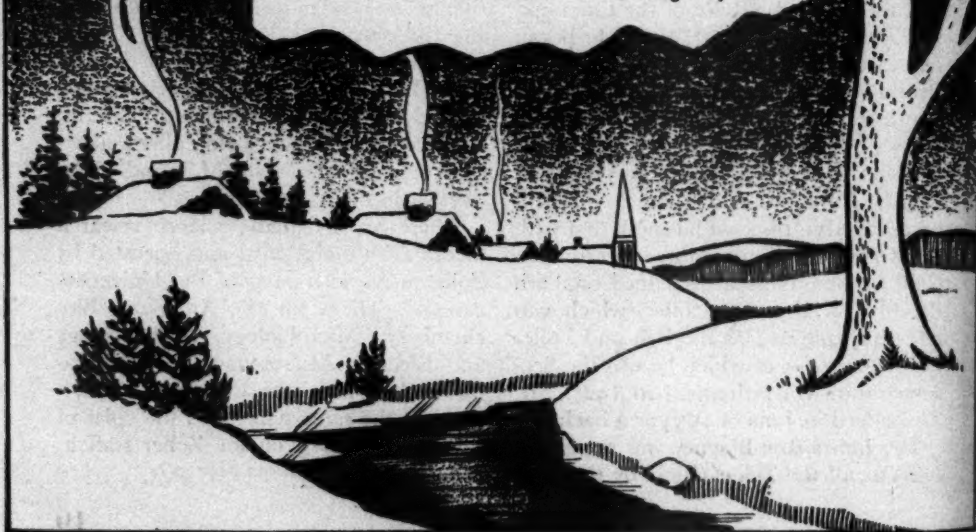
(Continued on page 32)

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24

ENDODONTIA IN OCCLUSAL RECONSTRUCTION

(Continued from page 6)

to which teeth require root canal therapy should be made. Therapy should be completed in advance so that doubts concerning some teeth may be resolved. There is also much less likelihood of contamination by leakage of saliva into a tooth which has not been ground. It is wise, where compound cavities exist, to prepare and fill these cavities with amalgam prior to root canal therapy. This procedure gives a greater probability that asepsis can be maintained. All deep cavities should be excavated and filled so that doubtful pulpal involvements can be discovered and treated.

Examination of the x-rays may also reveal teeth with previously filled root canals. In some instances there will be no doubt about the successful retention of these teeth. In many instances, however, teeth with incompletely filled root canals or root filled teeth with questionable regions apically will be found. What should be done about these teeth? Where incompletely filled root canals are found and the lamina dura and periodontal membrane are intact these teeth are usually quite as dependable as any other tooth in the arch. If doubt exists about the integrity of the lamina dura, the root canal should be retreated.

Teeth which have had a previous history of pulp capping or pulpotomy are doubtful risks in occlusal reconstruction. The grinding and exposure to fluids place grave hazards in the path of the pulps of these teeth. Complete root canal therapy is a safer procedure.

Where periapical regions of rarefaction are discovered in teeth with apparently calcified canals the canals must either be reamed out to the apex or a root resection and seal of the apical foramen with amalgam must be performed. The only other alternative is extraction.

ROOT CANAL THERAPY DURING OCCLUSAL RECONSTRUCTION

Often while teeth are being prepared, pulps are accidentally exposed. These

teeth should be placed under the rubber dam immediately and root canal therapy instituted. The haste in getting treatment underway is to assure the sterility of the root canal. The pulp canals of accidentally exposed pulps are invariably sterile. One problem which arises with teeth whose enamel has been removed is that of placing a rubber dam. Conical teeth are difficult to clasp. In these instances it is wise to adapt a temporary aluminum crown, and cement it with oxyphosphate of zinc cement. The crown is then removed after root canal therapy is completed.

ROOT CANAL THERAPY AFTER OCCLUSAL RECONSTRUCTION IS COMPLETED

Pulpitis often develops after crowns have been cemented permanently. In addition, periodic check-ups with radiographs may reveal periapical regions of rarefaction where none had previously existed. In these instances treatment must take place through openings made in the veneer crowns. The difficulty often encountered arises from the fact that the normal anatomical landmarks of the tooth have been removed through grinding, thus orientation is therefore difficult. A practical suggestion when opening these teeth is to drill for the larger canal orifice, i.e., the palatal in the upper molar and the distal in the lower molar, to avoid perforation. When in doubt, it is better to sacrifice more occlusal gold for better visibility rather than to drill more tooth structure without being able to see where the bur is going. The occlusal surface can later be repaired with a small gold inlay.

DIAGNOSIS OF PULP LESIONS DURING AND AFTER RECONSTRUCTION

Due to the already previously enumerated insults to which the pulp has been subjected, acute pulpitis often develops during or after the reconstruction has been completed. Acute pulpitis is characterized by severe pain which may be

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accentuated by cold, or which occurs spontaneously without stimulation. The attacks may be paroxysmal, lasting from several minutes to several hours. The pain is often of such intensity that patients may become frantic with fear of the next attack. Unfortunately the pain is rarely localized, in fact it is characteristically referred to another area. The patient can rarely point to the offending tooth. Most tests, such as percussion, palpation, x-ray, thermal and electrical, are of no practical value. The pulp tester can not usually be employed because, if the crowns are removed, the teeth have either been denuded of enamel and respond immediately or they are covered with crowns which have already been cemented on. This poses a serious diagnostic problem. The use of local anesthetics is of immense value in these cases. A mandibular block injection will help to determine whether the pain is coming from the upper or lower jaw. Once this has been determined, the anterior tooth with the deepest silicate restoration or the posterior tooth with the deepest amalgam restoration is usually the tooth which is responsible. In addition, each tooth has its own area of pain reference and, in doubtful cases, knowledge of the sites of pain referral are valuable. The following are the areas of pain referral for each tooth: The upper central and lateral incisors refer pain to the frontal region. The upper cuspids and first bicuspid refer pain to the nasolabial region. The upper second bicuspid refers

pain to the temporal and maxillary regions. The upper first molar refers pain to the maxillary region. The upper second and third molars refer pain to the mandibular region. The lower incisors, cuspids, and first bicuspid refer pain to the mental region. The lower second bicuspid refers pain to the hyoid or mental region. The lower first and second molars refer pain to the ear and behind the angle of the jaw. The lower third molar refers pain to the superior laryngeal region and to the ear.

Such a direct correlation does not always exist, however, and clinical judgment must be exercised. If doubt still exists about the location of the offending tooth, it is preferable to wait until the pain begins to localize. If the pain is unendurable, strong analgesic drugs should be employed.

It is noteworthy that pulpitis never occurs simultaneously in more than one tooth, even though several teeth may consecutively become involved. Also, pain is never referred to the other side of the same jaw, although it may be referred from maxilla to mandible (or vice versa) on the same side.

With proper attention to the basic principals involved, namely, maintenance of asepsis, debridement of the root canal, gentle treatment of tissue, and proper obturation of the root canal, endodontics is a valuable complement to occlusal reconstruction. In fact, occlusal reconstruction could hardly be accomplished without the proper use of endodontics.

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NEWS OF THE BRANCHES

(Continued from page 15)

North Suburban

Our branch has a couple of good prospects for dental hygienists. Bob Jans welcomed another daughter on Thanksgiving Day and Tom Ronan's wife presented him with a daughter a few weeks ago. Congratulations to both of you. . . . The Ronans also took up residence in their new house this fall. . . . Kach Becklian has been in the hospital battling pneumonia. By the time this is out he should be hale and hearty again. Hope you're coming along all right, Kach. . . . Al Golding has been ill about six weeks with a heart ailment. Take it real easy, boy, and follow those medical orders. . . . New offices are turning up all over this area. Bill Sherwood is in a new building in Libertyville and new offices are occupied in Waukegan by Leo Janks and Irwin Slavin. . . . Al and Ralph Pomierski are settled in their new spot in Mundelein. . . . The Ibbotsons were in Columbus, Georgia for Thanksgiving visiting their son, Chuck, who is on the last leg of his hitch in the Army. . . . Harold Cook of Highland Park has returned from a fishing and hunting trip down South. . . . Zenas Shafer is due to be released from the Air Corps next month. We'll be looking forward to seeing you back at your old spot. . . . December 5th is the date of the meeting at Great Lakes. Hope most

of the branch members will have been there. The Navy has been working very hard to make our day both informative and entertaining. . . . This is the last news for this year from yours truly, so, to all of you from this correspondent a very Merry Christmas and a Happy New Year.—George E. Kearns, Branch Correspondent.

Englewood

Reporting on the Old Timers' Nite, we had two girl entertainers who were tops in song and dance and mimicry; John Seaborg said they sure looked like the Everleigh Sisters—and just nobody plays like that Dry Socket Band (Rudder, Valentine and Lukaszewski). Thanks to Old Timers' Committee, Plewa and Seaborg for a real evening. . . . Guests at the November meeting were Eugene Hanrahan of Kenwood, and Lester Boyd, Dick Bona of So. Suburban. There's hope for anyone if George Mann can make a meeting, and he did; also good to see Kays Drangelis. . . . Ethics Chairman John Boersma reported one new member, Ernie Steinberg. . . . When Joe and Mrs. Plewa got home from the A.D.A. meeting (and Caribbean cruise) they found a squirrel had made entry in their home and played baseball with every movable small object in the house. . . . A three-foot-high Queen-of-the-Night cactus, in Stan Pacer's home for forty years, just

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MYER A. WILK

PROSTHETIC TECHNICIANS



had three blooms in one evening; story and pictures in newspaper. Watch 'im, ethics comm! And Bancherel better keep those dahlias up to snuff. . . . M. T. Lanser and John Gapsis at meeting. . . . Harold O'Connell taking Saturdays off to study nature all over three states. . . . Emil Olivi saw the Chicago Cardinals spanked in New York. . . . Vince Milas is delivering a paper at the New York meeting, four appearances. . . . Tom Cavanaugh attending same meeting. . . . Ralph Ray and Tom Rooney on sick list but both doing well. . . . Ed Tharp's Naval Reserve Unit won first in the nation. . . . Al Tanis gets "A" for effort but no duck meat on the table. . . . Henry Mathews and Ray Bartz examined teeth of 180 pupils at Nazareth Lutheran School and Henry got 120 more at Golgotha; these are glamourless jobs and these men are to be commended. . . . Augie King recently moved his office to 800 West 78th. . . . State Senator Libonatti knows the score and when he warned dentists to "Know your legislator" if you want to see that legislation isn't stacked against you, he spoke the truth. . . . Russ Burgess and Joe Cantafio gave a fine talk and demonstration on quick denture repairs that was sane and practical and like money from home. . . . Watch Gene Jaffe's meeting in January. . . . When one copies in school it is cheating or stealing but out in journalism it is plagiarism; which prompts me to say that this is all Malcolm Brooks' efforts and I copy for glory. Thanks, Mall!—*Webster Byrne, Assistant Branch Correspondent.*

West Suburban

Those of you who were present at the December 11th meeting know of the splendid essay delivered by Dr. David Hoffman on "Time and Motion Study Principles and Practice." We wish to thank him again for giving us points on greater efficiency in dentistry without effort and confusion. . . . There will be no Branch meeting in January or February. In February the parent society will hold its annual and now famous Midwinter Meeting. . . . Our next Branch meeting is March 19th, 1957 when Dr. Lyle F. Aseltine will speak on "Oral Surgery for the General Practitioner." . . . The Round Table meets January 7th at 12:00 noon with Dr. Waldemar Link on the subject of "Amalgam." . . . I just heard that your West Suburban Branch is planning a ladies' night and dinner-dance for some time in May for you, your wife and guests, with cocktails, entertainment, dinner and dancing. John Frymark and Wayne Dunnom are hard at work making all arrangements to make this a high class social affair. Tickets will be on sale soon. . . . The boys at the West Suburban Study Club meeting spent a profitable and enjoyable evening at their last meeting. Donald James Newbarth from the Social Security Agency gave an enlightening discussion on the problems that confront us in Social Security; and Dr. Arthur Elfenbaum delivered an outstanding lecture on "Oral Problems." Dr. Elfenbaum's fine presentation makes him a *must* for a repeat, as I am sure he only

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touched the surface of his vast store of knowledge and I know we could all benefit from more. . . . In the stranger than fiction department, we are pleased to note the power of the press—Jones of Riverside made good his promise and bought libations with his windfall from the previous meeting's raffle. Here's hoping he wins again! . . . Gordon Seatter came to the meeting in a two-piece ensemble that held the members spell-bound, looked like a page out of *Esquire* or a loan-out from Gingiss Brothers. . . . All the Hinsdale boys eat at the Snack Restaurant and invite all in bordering communities to join them for lunch and interesting dental discussions. . . . LeRoy Sanden invites all with ice skating talent to join him at his rink which is used in the off-season as a swimming pool. Dick Anderson is in charge of the hot dog booth. . . . Professor Umbach is now entertaining his clientele in his new office and home combination. . . . Frank Olson's son passed the Illinois State Bar examinations; another son is a medical research chemist with his (and your) Uncle Sam. . . . Some news is given that could incur libel suits; however, we print only what we hear—for example, this quote from Lenart of Lisle: "Mulacek stopped bushwhacking long enough to come to a meeting." . . . Earl Emery has trouble with a slipped disc from operating his power windows on his new car. . . . Don Jaeger is in South Dakota for a bit of hunting. . . . Spotted John "Red" O'Connell supervising the movers taking furnishings in his and the mortgage-

holders new home in South LaGrange, the elite section. . . . From son Dean we learn that the former beloved teacher of many, William McNeil, is in Salt Lake City and has an appointment with the Veterans Administration. . . . Several of our members have suffered the loss of those dear to them. We extend our sincere sympathy to Walter Wicklund on the loss of his wife and to Gloria Alessio on the demise of her mother. . . . Richard Zelenka of Elmhurst has taken unto himself a wife. We note from a news clipping that they spent their honeymoon in the Smokies. Our best to both! . . . President Ed Kritzke and all his officers want to thank you for your fine support and attendance at the Branch, Round Table and Study Club meetings. They also hope that you and yours enjoy Good Health, Good Fortune and all the Blessings of a Merry Christmas and a Happy New Year.—*Sylvester W. Cotter, Branch Correspondent.*

APPLICANTS FOR MEMBERSHIP

GOUGIEL, JOSEPH M. (Loyola 1950) Kenwood-Hyde Park, 950 E. 59th St. Endorsed by Emrich E. Elliott and Lawrence D. Creadon.

REITHEL, DAVID A. (U. of Ill. 1955) South Suburban, 1510 Otto Blvd., Chicago Heights. Endorsed by Daniel M. Laskin and Reid O. Engelmann.

RUDAN, THOMAS W. (St. Louis 1954) Kenwood-Hyde Park, 8607 Stony Island Ave. Endorsed by William J. Sone and Jean Paul Jacobi.

SPIRA, JACK (Loyola 1930) Service, Ft. Leonard Wood, Mo. Endorsed by S. A. Shiret and Samuel Jacobson.



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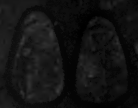
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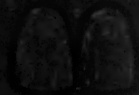
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ZOLLER COMMEMORATION

(Continued from page 19)

well as on the staff of the appropriate University department.

There are three dental clinics within the University of Chicago Clinics. One is for all types of restorative dental work, carried out by interns and assistants on worthy needy patients as determined by the University social service division. Another clinic looks after similar prenatal patients to eliminate foci of infection and provide certain necessary restorative work. The third clinic is concerned with diagnosis of oral disease and minor oral surgery in hospitalized patients and in those with a University of Chicago Clinics medical history having teaching value. All clinics function in very close juncture with the other surgical and medical clinics of the hospital, especially when patients are involved having hemophilia, leukemia, rheumatic heart disease, cerebral palsy or muscular dystrophy. And there are great numbers of these seen in the dental clinics.

There are also three clinical laboratories. The oral pathology laboratory prepares all biopsy and other human and experimental tissues for microscopic evaluation. The roentgenology laboratory takes extra-oral as well as intra-oral x-rays of all patients, especially of those with diagnostic problems. A prosthetic laboratory processes the various appliances from simple inlay castings to space maintainers and complex oral and facial prostheses.

Thus over the past twenty years the Zoller Memorial Clinic, under the able directorship of J. Roy Blayney and in recent years under that of Frank J. Orland, has made a three-fold contribution to the general as well as the specific advancement of Dentistry.

OFF THE COB

(Continued from page 10)

and that the higher fee schedule would place our fees in line with those received elsewhere in the nation, and well above a great many of them. Our Vice-President, Dr. Ernest Goldhorn, is a member of the State Society's Public Welfare Committee and a past member of the Dental Advisory Committee which enables him to sit in on the Advisory Committee's meetings in an ex-officio capacity, and to act as a liaison between the local and the state groups. The revised fee schedule has been referred to the Public Aid Commission with the strongest support of the Department of Welfare, and the Committee is optimistic about its being made a part of the next state budget. Mr. Alvis C. Rose is the Commissioner of Welfare and a member of Mayor Daley's Cabinet, and one of the outstanding administrators of relief problems in the country.

The Dental Advisory Committee is theoretically a subcommittee of the larger Public and Professional Relations Committee of the Chicago Dental Society. However, it is the only subcommittee of the parent committee that is active, and it has been suggested that since it is active and valuable and largely made up of earnest workers it be given separate committee status.

This, then, is the story of another of our important committees within the Chicago Dental Society. And now, may I extend to all of you my sincere wishes for a joyous Christmas season, and a New Year of peace and prosperity.—
Orville (Country) Larsen.

Lack of something to feel important about is almost the greatest tragedy a man may have. —DR. ARTHUR E. MORGAN

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